

# Converting Colors

$Yxy(62.9196, 0.3177, 0.3569)$

Have a look what the booklet for  
Yxy(62.9196, 0.3177, 0.3569)  
contains.

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# Color

**Yxy(62.7669, 0.3181, 0.3564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D4BD
RGB	198, 212, 189
RGB Percent	78%, 83%, 74%
CMY	0.2235, 0.1686, 0.2587
CMYK	0.07, 0.00, 0.11, 0.17
HSL	97°, 21%, 79%
HSV	97°, 11%, 83%
XYZ	56.0217, 62.7669, 57.3250
YIQ	205.1920, -0.9610, -10.1210

# Conversions

## Conversions Part 2

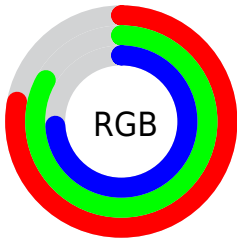
Format	Color
R <sub>YB</sub>	189, 212, 203
Decimal	13030589
CIE Lab	83.32, -8.88, 9.75
CIE LCh	83, 13.185, 132.341
Yxy	62.7669, 0.3181, 0.3564
Android (android.graphics.Color)	4291220669 (0xFFC6D4BD)
YUV	205.1920, -7.9827, -6.3074
Hunter-Lab	79.2256, -12.4243, 12.5576

# Details

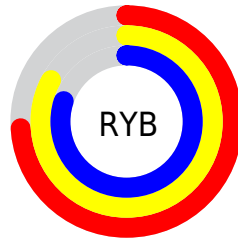
The Yxy color  $62.7669, 0.3181, 0.3564$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $53.8633, 0.3068, 0.3019$ , and the grayscale version is  $61.2346, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $99.3726, 0.3185, 0.3386$ , and  $31.8208, 0.3190, 0.3625$  is the 20% darker color. If you saturate the color by 10%, you get  $60.2339, 0.3229, 0.3842$ , and if you desaturate by 10%, it is  $65.5896, 0.3131, 0.3310$ .

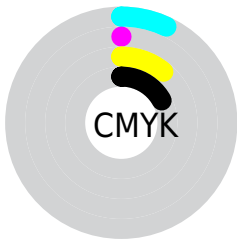
# Distribution



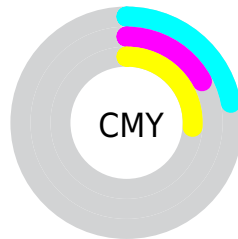
- Red (78%)
- Green (83%)
- Blue (74%)



- Red (74%)
- Yellow (83%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)




- Cyan (22%)
- Magenta (17%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7669, 0.3181, 0.3564 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.7669, 0.3181, 0.3564 by changing the saturation by 10% instead.




 62.7669, 0.3181,  
0.3564

 62.7669, 0.3181,  
0.3564

434.7230, 0.3156,  
0.3432

 45.6527, 0.3186,  
0.3596

 108.8332, 0.3173,  
0.3517

 31.9718, 0.3193,  
0.3636


138.5539, 0.3169,  
0.3499

 21.3400, 0.3202,  
0.3688


173.2457, 0.3166,  
0.3484

 13.3727, 0.3212,  
0.3758

213.2929, 0.3164,  
0.3470

 7.6857, 0.3226,  
0.3858

259.0798, 0.3162,  
0.3459

 3.8945, 0.3245,  
0.4012


310.9908, 0.3160,

 1.6147, 0.3270,


0.3449


0.4280


369.4105, 0.3158,  
0.3440

 0.3675, 0.2650,  
0.7350


 0.0000, 0.0000,  
0.0000


 62.7669, 0.3181,  
0.3564


 62.7669, 0.3181,  
0.3564


 60.2339, 0.3229,  
0.3842


 65.5896, 0.3131,  
0.3310

 57.9729, 0.3273,  
0.4140

 68.7029, 0.3082,  
0.3081

 55.9766, 0.3310,  
0.4451

 72.1181, 0.3034,  
0.2877

 54.2341, 0.3336,  
0.4764

 74.5704, 0.3109,  
0.2866

■ 52.7338, 0.3347,  
0.5065

■ 75.5671, 0.3147,  
0.2871

■ 51.4630, 0.3341,  
0.5335

■ 50.4077, 0.3316,  
0.5558

■ 49.5516, 0.3273,  
0.5721

■ 48.9190, 0.3225,  
0.5822

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7669, 0.3336, 0.3580



62.7669, 0.3181, 0.3564



62.7669, 0.3014, 0.3468

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7669, 0.3181, 0.3564



62.7669, 0.2825, 0.3058



62.7669, 0.3379, 0.3252

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.7669, 0.3181, 0.3564



53.8633, 0.3068, 0.3019

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7669, 0.3236, 0.3122



62.7669, 0.3181, 0.3564



62.7669, 0.2917, 0.3009

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.7669, 0.3181, 0.3564



62.7669, 0.2812, 0.3170



62.7669, 0.3067, 0.3034



62.7669, 0.3453, 0.3396



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7669, 0.3181, 0.3564



62.7669, 0.2919, 0.3373



62.7669, 0.3067, 0.3034



62.7669, 0.3337, 0.3206

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.7696, 0.3181, 0.3564



98.6438, 0.3142, 0.3364



60.2966, 0.3300, 0.3451



21.0377, 0.3146, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

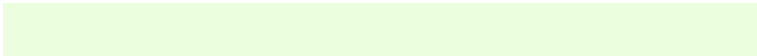


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7696, 0.3181, 0.3564



94.4147, 0.3192, 0.3626



61.6864, 0.3099, 0.3541



14.1302, 0.3174, 0.3527



30.2541, 0.3235, 0.5814



1.8719, 0.3373, 0.5704



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.8633, 0.3068, 0.3019



78.2683, 0.3054, 0.2959



55.0452, 0.3157, 0.3051



12.3793, 0.3076, 0.3056



5.8828, 0.2257, 0.1017



0.4020, 0.2420, 0.1107



# Previews

## White Background



This preview shows how the Yxy color 62.7669, 0.3181, 0.3564 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

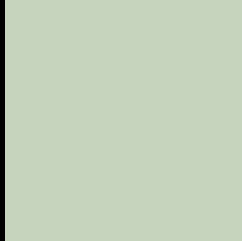
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.7669, 0.3181, 0.3564 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

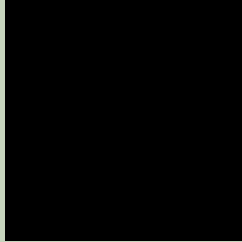
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

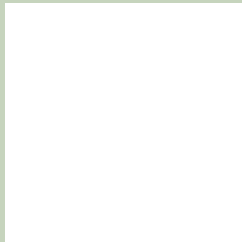
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.7669, 0.3181, 0.3564**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.7669, 0.3181, 0.3564.



This preview shows how white text looks on a background with the Yxy color 62.7669, 0.3181, 0.3564.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

62.7669, 0.3181, 0.3564

### Protanopia

62.7697, 0.3348, 0.3532

### Deuteranopia

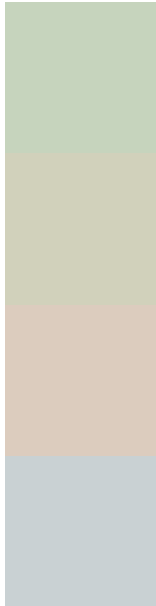
62.3938, 0.3459, 0.3390



## Tritanopia

62.6499, 0.2989, 0.3107

# Trichromacy



## Original Color

62.7669, 0.3181, 0.3564

## Protanomaly

62.7441, 0.3283, 0.3547

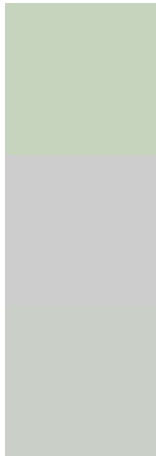
## Deuteranomaly

62.1191, 0.3355, 0.3450

## Tritanomaly

62.7216, 0.3054, 0.3267

# Monochromacy



## Original Color

62.7669, 0.3181, 0.3564

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

61.7918, 0.3145, 0.3396

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.7669, 0.3181, 0.3564 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 212, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 62.7669, 0.3181, 0.3564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 212, 189) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 212, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 212, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 212, 189); box-shadow:4px 4px 4px 4px rgb(198, 212, 189) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.7669, 0.3181, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
212, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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